

Attorney Docket No.: KBI-0015
Inventors: Ranganathan, Natarajan
Serial No.: 10/689,359
Filing Date: October 20, 2003
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A nutritional food or nutritional product comprising at least one probiotic bacteria, about 47% to about 82% by weight of at least one carbohydrate ingredient, about 2% to about 12% by weight of at least one fat ingredient, and about 5% to about 80% by weight of at least one protein ingredient.

Claim 2 (currently amended): The nutritional food or nutritional product of claim 1 wherein said at least one probiotic bacteria is *Lactobacillus acidophilus*, *L. bulgaricus*, *L. casei*, *L. rhamnosus*, *L. fermentum*, *L. salivaroos*, *L. brevis*, *L. plantarum*, *L. ruteri*, ~~S-~~ *Streptococcus thermophilus*, *Bacillus sporogenes*, *Bifidobacterium adolescentis*, *B. infantis*, *B. longum*, *B. thermophilum* or *B. bifidum* and wherein said nutritional food or nutritional product provides about 5 billion to 20 billion colony forming units of said at least one probiotic bacteria.

Claim 3 (currently amended): The nutritional food or nutritional product of claim 1 wherein said at least one carbohydrate ingredient is dextrose, sucrose, fructose, lactose, maltose, galactose, sugar alcohols, ~~such as sorbitol, mannitol and xylitol,~~ invert sugar syrups, brown sugar, corn syrup, corn syrup solids, honey, molasses, ~~brown sugar~~, maple syrup, fruit juices, stevia, or an artificial sweetener.

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Claim 4 (original): The nutritional food or nutritional product of claim 1 wherein said at least one fat ingredient is olive oil, canola oil, palm oil, coconut oil, sunflower oil, peanut oil, vegetable oil, lecithin, fish oil, cotton seed oil, soybean oil, lard, monoglycerides, diglycerides, butter, margarine, and other animal, vegetable, and marine fats, or milk fats.

Claim 5 (original): The nutritional food or nutritional product of claim 1 wherein at least one protein ingredient is cereal proteins, milk proteins, egg proteins, animal proteins, vegetable proteins, whey protein, bean proteins, lactalbumin-casein co-precipitate, calcium caseinate, sodium caseinate, purified or refined grades of casein and soy proteins, or peanuts.

Claim 6 (original): The nutritional food or nutritional product of claim 1 further comprising at least one vitamin component and at least one mineral component.

Claim 7 (currently amended): The nutritional food or nutritional product of claim 1 ~~wherein~~ further comprising at least one prebiotic ingredient, wherein the at least one prebiotic ingredient is a fructo-oligosaccharide, a galacto-oligosaccharide, a soy-oligosaccharide, a xylo-oligosaccharide, a isomalto-oligosaccharides, Jerusalem artichoke flour, rolled oats, banana fiber, a pectin and pectic polysaccharide, a mannan, a pentosan, a beta-glucan, a rabinan or a galactan.

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Claim 8 (currently amended): A nutritional food or nutritional product for maintaining or enhancing gastrointestinal health, comprising at least one carbohydrate ingredient, at least one fat ingredient, at least one protein ingredient, at least one vitamin component, at least one mineral component, at least one prebiotic ingredient, and at least one probiotic bacteria, wherein said probiotic bacteria have a propensity to hydrolyze nitrogenous waste products and the at least one fat ingredient is about 2% to about 12% by weight of the total weight of the nutritional food or nutritional product.

Claim 9 (currently amended): A method of restoring and maintaining gastrointestinal health comprising administering to a subject at least one food or nutritional product comprising an effective amount of probiotic bacteria and ~~an effective amount~~ about 2% to about 6% by weight of a prebiotic.

Claim 10 (currently amended): A nutraceutical composition to alleviate the symptoms of uremia comprising a composition of a probiotic, a prebiotic, and an ammoniaphilic urea degrading microorganism with pH stability and urea degrading activity, wherein said probiotic provides about 5 billion to 20 billion colony forming units of bacteria.

Claim 11 (currently amended): A yogurt or yogurt based product comprising at least one probiotic bacteria, at least one carbohydrate ingredient and at least one protein, wherein said probiotic provides about 5 billion to 20 billion colony forming units of bacteria.